CALIFORNIA SAFE ROADS
2020 - 2024 Strategic Highway Safety Plan
SHSP OVERVIEW

• Guides safety activities for all roadway users
• Addresses safety on all public roads
• All agency coordinated approach
• Strategic, data-driven process
• Federal requirement
• Current SHSP covers 2015 to 2019

UPDATE! 2020 – 2024 SHSP
Vision
Safe Public Roads Across California

Mission
Ensure safety for all modes of travel on California’s public roads

Goal
Toward Zero Fatalities and Serious Injuries
A few SHSP Partners

Website: http://www.dot.ca.gov/trafficops/shsp/
Email: SHSP@dot.ca.gov
MULTIPLE SAFETY APPROACHES
COLLISION FACTORS

Infrastructure (28%)

Vehicle (8%)

Human (95%)
5 Es OF TRAFFIC SAFETY

Engineering

Emergency Response

Emerging Technology

Education

Enforcement

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DATA-DRIVEN

• Data analysis drives development and implementation
• Identifies strategies and actions
• 2020 to 2024 Data
  – 10 years (2008 to 2017)
• Annual review of data during implementation
STATEWIDE

Total Fatalities and Serious Injuries by Year Versus Population

- Fatalities & Serious Injuries
- Population (Millions)

Serious Injury Victims
Population

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STATEWIDE

Total Fatalities and Serious Injuries by Year Versus VMT

- Fatal Victims
- Serious Injury Victims
- Annual VMT

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STATEWIDE

Fatal & Serious Injury Collisions

State Highway System (SHS) vs. Non-SHS

- SHS: 36%
- Non-SHS: 64%

Rural vs. Urban

- Rural: 38%
- Urban: 62%

Percent of Victims by Location

- SHS:
  - Rural: 18%
  - Urban: 18%

- Non-SHS:
  - Rural: 20%
  - Urban: 44%

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STATEWIDE

F+SI Collisions

F+SI Collision Rate per 100M VMT

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STATEWIDE

Fatal & Serious Injury Collisions by Primary Cause

<table>
<thead>
<tr>
<th>Cause</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol or Drug Impaired</td>
<td>23,821</td>
</tr>
<tr>
<td>Improper Turning</td>
<td>23,204</td>
</tr>
<tr>
<td>Unsafe Speed</td>
<td>22,978</td>
</tr>
<tr>
<td>Automobile Right of Way</td>
<td>12,772</td>
</tr>
<tr>
<td>Pedestrian Violation</td>
<td>12,276</td>
</tr>
<tr>
<td>Traffic Signals and Signs</td>
<td>7,054</td>
</tr>
<tr>
<td>Wrong Side of Road</td>
<td>6,045</td>
</tr>
<tr>
<td>Pedestrian Right of Way</td>
<td>4,671</td>
</tr>
<tr>
<td>Unsafe Lane Change</td>
<td>3,548</td>
</tr>
<tr>
<td>Other than Driver (or Pedestrian)</td>
<td>2,905</td>
</tr>
</tbody>
</table>

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2020-2024 Challenge Areas

- Intersections
- Driving Under the Influence
- Speeding
- Lane Departure
- Driver Licensing
- Pedestrians
- Occupant Protection
- Aging Drivers (>65)
- Motorcyclists
- Young Drivers (<21)
- Commercial Vehicles
- Distracted Driving
- Bicyclists
- Work Zones
- Emerging Technologies
- Emergency Response

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2014-2019 SHSP Action Examples

• Identify locations with reported pedestrian safety issues to conduct targeted, high-visibility pedestrian safety enforcement operations. The targeted locations will be continually monitored and updated as necessary. (OTS, CHP)

• Conduct pedestrian safety presentations - in collaboration with schools, community groups, or local pedestrian advocacy groups - to promote pedestrian traffic safety awareness. (OTS, CHP)

• Conduct analysis of local pedestrian crash data; disseminate to local health departments to inform pedestrian safety planning and programming. (CDPH)
Number of Actions by Status

- 64 (51.6%) Completed
- 37 (29.8%) Substantial Progress
- 10 (8.1%) Underway
- 8 (6.5%) Early Progress
- 5 (4.0%) Not Started

Total Actions: 124